

Amendment to the Abstract:

Please replace the abstract in the above identified application as follows.

A method and apparatus for designing or deploying a communications network is disclosed. A computerized model which represents a physical environment in which a communications network is or will be installed is provided. System components which may be used in the physical network as a part of the network having electrical characteristics or frequency specific information are identified. At least one component kit composed of at least two system components, wherein interconnectivity of the at least two system components without a fault is assured, is also identified. Using the computerized model, at least one performance characteristic for a part of the communications network is determined. At least one component kit in a part of the communications network together with a representation of a part of the physical environment is represented.